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IN THE CLAIMS:

1. (CURRENTLY AMENDED) A method for adhering a film to a heat transfer component comprising the steps of:

applying a layer of ethylene terpolymer including an organosilicone functional group to ~~said~~ the heat transfer component;

applying ~~said~~ the film to said layer of ethylene terpolymer; and

curing said layer of ethylene terpolymer to adhere ~~said~~ the film to ~~said~~ the heat transfer component.

2. (CURRENTLY AMENDED) The method as recited in claim 1 wherein the step of applying said layer of ethylene terpolymer includes ~~application by a roller~~applying a rolling pressure.

3. (CURRENTLY AMENDED) The method as recited in claim 1 wherein ~~said~~ the film is polypropylene.

4. (CURRENTLY AMENDED) The method as recited in claim ~~3~~ 1 wherein the step of curing said layer of ethylene terpolymer includes adding water to said layer of ethylene terpolymer to cross-link said organosilicone functional groups.

5. (CURRENTLY AMENDED) The method as recited in claim 4 wherein said water is contained in ~~said~~ the film.

6. (ORIGINAL) The method as recited in claim 4 wherein said water is applied to said heat transfer component.

7. (CURRENTLY AMENDED) The method as recited in claim 4 wherein said water is applied to ~~said~~ the film.

8. (CURRENTLY AMENDED) The method as recited in claim 1 wherein ~~said the~~ film is ~~polar to encourage adhesion of said water to and said film to encourage adhesion between said film and said heat transfer component.~~

9. (CURRENTLY AMENDED) The method as recited in claim 1 wherein ~~said the~~ heat transfer component is a condensing heat exchanger.

10. (CURRENTLY AMENDED) A heat transfer component of a condensing furnace system comprising:

a metal surface;

a film adhered to said metal surface; and

a cured layer of ethylene terpolymer including an organosilicone functional group ~~to adhere~~that adheres said film to said metal surface.

11. (CURRENTLY AMENDED) The heat transfer component as recited in claim 10 further including water, and wherein said layer of ethylene terpolymer is cured by said water to cross-link~~links~~ said organosilicone functional groups.

12. (NEW) The method as recited in claim 4 wherein said water is contained in steam directed on said layer of ethylene terpolymer.

13. (NEW) The method as recited in claim 1 wherein said layer of ethylene terpolymer has a thickness between .5 mils and 5 mils.

14. (NEW) The method as recited in claim 1 wherein said layer of ethylene terpolymer has a thickness between 1 mil and 3 mils.